INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.:H0002442-01 (115.00260101)	Serial No.: 10/034,696
	Applicant(s): PAVLIDIS et al.	Confirmation No.: 1502
	Application Filing Date: 12/27/01	Group: 2613
	Information Disclosure Statement mailed:	

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
CLL		5,557,684	9/17/96	Wang et al.			
CLL		5,764,283	6/9/98	Pingali et al.			
CLL		5,966,074	10/12/99	Baxter			
CLL		6,184,792	2/6/01	Privalov et al.			

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation Yes	Translation No
CLL		93 05488 A	3/18/93	WO				
CLL		00 33253 A	6/8/00	WO				
CLL		0 986 036 A	3/15/00	EP				

OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)

Examiner Initial		Document Description

EXAMINER	Date Considered
Chris Kelley	12/16/04

*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Please type a plus sign (+) inside this box

PTO/SB/08A (10/96)
Approved for use 10/31/99. OMB 0651-0031

This form is a Replica of PTO/SB/08A (10/96)

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

*Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(USE AS MANY SHEETS AS NECESSARY)

Sheet	1	of	1

COMPLETE IF KNOWN	
Application Number	10/034,696
Filing Date	12/27/2001
First Named Inventor	IOANNIS PAVLIDIS
Group Art Unit	
Examiner Name	
Atty. Docket No.	H0002442-01

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	U.S. Patent Document Number	U.S. Patent Document Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Publication of Cited Document MM/DD/YYYY	Pages, Columns, Lines where relevant passages or relevant figures appear
CLL		5689611		Hamada, Toshimichi et al.	11/18/1997	
CLL		5657073		Henley, Stuart L.	08/12/1997	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document Office[3]	Foreign Patent Document Number	Foreign Patent Document Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM/DD/YYYY	Pages, Columns, Lines where relevant passages or relevant figures appear	T[6]
CLL		EP	0884897A		Hitachi Ltd.	12/16/1998		
CLL		EP	1061487A		Ist Trentino Di Cutura	12/20/2000		

Examiner Signature		Date Considered	12/16/04

* EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

1 Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6. Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time are required to complete this from should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231

INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 115.00220101	Serial No.: 10/034,696
	Applicant: Ioannis Pavlidis	Confirmation No.: 1502
	Filing Date: Dec. 27, 2001	Group: 2613
	Information Disclosure Statement mailed:	July 16, 2002

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
		None					

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation Yes	Translation No
		None						

OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)

Examiner Initial		Document Description
CLL		Anderson et al., "Change detection and tracking using pyramid transform techniques," *Intelligent Robots and Computer Vision: Proceedings of SPIE – The International Society for Optical Engineering,* 1985; *579*:72-78. ✓
CLL		Blackman, *Multiple-Target Tracking with Radar Applications,* 1986, Artech House, Dedham, MA, Cover page, Publication page, and Table of Contents only. (7 pgs.). ✓
CLL		Buntine, "Learning classification trees," *Statistics and Computing,* 1992; 2:63-73. ✓
CLL		Collins et al., "A system for video surveillance and monitoring: Vsam final report," *Tech. Rep. CMU-RI-TR-00-12,* Robotics Institute, Carnegie Mellon Univ., Pittsburgh, PA, 2000, 1-68. ✓
CLL		Comaniciu et al., "Real-time tracking of non-rigid objects using mean shift," *Proceedings 2000 IEEE Conference on Computer Vision and Pattern Recognition,* Hilton Head Island, SC, 2000 June 13-15; *2*:142-149. ✓
CLL		Cox et al., "An efficient implementation of Reid's multiple hypothesis tracking algorithm and its evaluation for the purpose of visual tracking," *IEEE Transactions on Pattern Analysis and Machine Intelligence,* 1996; *18*(2):138-150. ✓

EXAMINER	Date Considered
	12/16/04

*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 115.00220101	Serial No.: 10/034,696
	Applicant: Ioannis Pavlidis	Confirmation No.: 1502
	Filing Date: Dec. 27, 2001	Group: 2613
	Information Disclosure Statement mailed: July 16, 2002	

Examiner Initial		Document Description
CLL		Dempster et al., "Maximum likelihood from incomplete data via the *EM* algorithm (with discussion)," *Journal of the Royal Statistical Society B,* 1977; *39*(1):1-38.
CLL		Elgammal et al., "Non-parametric model for background subtraction," *Computer Vision – ECCV 2000,* Vernon, ed., Springer-Verlag, Berlin Heidelberg, 751-767.
CLL		Gao et al., "Error analysis of background adaptation," *Proceedings 2000 IEEE Conference on Computer Vision and Pattern Recognition,* Hilton Head Island, SC, 2000 June; *1*:503-510.
CLL		Grimson et al., "Using adaptive tracking to classify and monitor activities in a site," *Proceedings 1998 IEEE Conference on Computer Vision and Pattern Recognition,* Santa Barbara, CA, 1998 June 23-25; 22-29.
CLL		Haritaoglu et al., "W^{4}S: A real-time system for detecting and tracking people in 2 1/2d," *Proceedings 5th European Conference on Comupter Vision,* 1998 June 2-6; Freiburg, Germany, *1*:877-892.
CLL		Hartley et al., *Multiple View Geometry in Computer Vision,* 2000, Cambridge UP, Cover pg., Publication pg., and 69-116.
CLL		Horn, *Robot Vision,* The MIT Press, Cambridge, Mass., 1986; Cover page, Publication page, Table of Contents, and 66-69.
CLL		Jeffreys, *Theory of Probability,* Univ. Press, Oxford, 1948, Cover page, Publication page, and Table of Contents only. (4 pgs.)
CLL		Kanade et al., "Advances in cooperative multi-sensor video surveillance," *Proceedings DARPA Image Understanding Workshop,* 1998 Nov. 20-23; Monterey Cali., 3-24.
CLL		Kanatani, "Optimal homography computation with a reliability measure," *Proceedings of the IAPR Workshop on Machine Vision Applications,* 1998 Nov. 17-19; Makuhari, Chiba, Japan:426-429.
CLL		Kanatani, *Statistical Optimization for Geometric Computer Vision: Theory and Practice*, 1996, Elsevier Science, Amsterdam, Netherlands, Cover page, Publication page, and Table of Contents only. (7 pgs.).

EXAMINER	Date Considered
Chris Kelley	12/16/04

*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 115.00220101	Serial No.: 10/034,696
	Applicant: Ioannis Pavlidis	Confirmation No.: 1502
	Filing Date: Dec. 27, 2001	Group: 2613
	Information Disclosure Statement mailed: July 16, 2002	

Examiner Initial		Document Description
		Lee et al., "Monitoring activities from multiple video streams: Establishing a common coordinate frame," *IEEE Transactions on Pattern Analysis and Machine Intelligence*, 2000 Aug.; *22*(8):758-767.
		Lin, "Divergence measures based on the shannon entropy," *IEEE Transactions on Information Theory*, 1991; *37*(1):145-151.
CLL		McLachlan et al., *Mixture Models Interference and Applications to Clustering*, 1988, Marcel Dekker, New York.
CLL		Oliver et al., "A bayesian computer vision system for modeling human interactions," *IEEE Transactions on Pattern Analysis and Machine Intelligence*, 2000 Aug.; *22*(8):831-843.
CLL		Ormoneit et al., "Learning and tracking human motion using functional analysis," *Proceedings 2000 IEEE Workshop on Human Modeling, Analysis, and Synthesis*, Hilton Head Island, SC, 2000 June;2-9. (8 pgs.).
CLL		Pavlidis et al., "Urban Surveillance Systems: From the Laboratory to the Commercial World," *IEEE Proceedings*, 2001 Oct.; *89*(10):1478-1497.
CLL		Ratches, "Aided and automatic target recognition based upon sensory inputs from image forming systems," *IEEE Transactions on Pattern Analysis and Machine Intelligence*, 1997; *19*(9):1004-1019.
CLL		Reid, "An algorithm for tracking multiple targets," *IEEE Transactions on Automatic Control*, 1979; *24*(6):843-854.
CLL		Sacchi et al., "A distributed surveillance system for detection of abandoned objects in unmanned railway environments," *IEEE Transactions on Vehicular Technology*, 2000 Sept.; *49*(5):2013-2026.
CLL		Stauffer et al., "Adaptive background mixture models for real-time tracking," *Proceedings 1999 IEEE Conference on Computer Vision and Pattern Recognition*, Fort Collins, Col., 1999 June 23-25; 2:246-252.
CLL		Stauffer et al., "Learning patterns of activity using real-time tracking," *IEEE Transactions on Pattern Analysis and Machine Intelligence*, 2000; 22(8):747-767.

EXAMINER	Date Considered
	12/16/04

*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 115.00220101	Serial No.: 10/034,696
	Applicant: Ioannis Pavlidis	Confirmation No.: 1502
	Filing Date: Dec. 27, 2001	Group: 2613
	Information Disclosure Statement mailed:	July 16, 2002

Examiner Initial		Document Description
CU		Stringa et al., "Real-time video-shot detection for scene detection for scene surveillance applications," *IEEE Transactions on Image Processing*, 2000 Jan.; *9*(1):69-79.
CU		Tsiamyrtzis, *A Bayesian Approach to Quality Control Problems*, Ph.D. thesis, School of Statistics, Minneapolis, MN, August 2000.

EXAMINER	Date Considered
	12/16/04

*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.